

Converting Colors

YIQ(187.5520, -37.8660,
-29.6260)

Have a look what the booklet for
YIQ(187.5520, -37.8660, -29.6260)
contains.

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Color

**YIQ(187.5520, -37.8660,
-29.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	85D9B3
RGB	133, 217, 179
RGB Percent	52%, 85%, 70%
CMY	0.4786, 0.1489, 0.2982
CMYK	0.39, 0.00, 0.18, 0.15
HSL	153°, 53%, 69%
HSV	153°, 39%, 85%
XYZ	42.6194, 57.8792, 51.5570
YIQ	187.5520, -37.8660, -29.6260

Conversions

Conversions Part 2

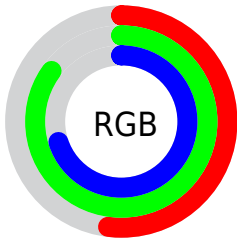
Format	Color
RYB	133, 187, 217
Decimal	8772019
CIELab	80.67, -33.99, 10.79
CIELCh	81, 35.658, 162.387
Yxy	57.8792, 0.2803, 0.3806
Android (android.graphics.Color)	4286962099 (0xFF85D9B3)
YUV	187.5520, -4.2161, -47.8421
Hunter-Lab	76.0784, -33.1409, 13.0750

Details

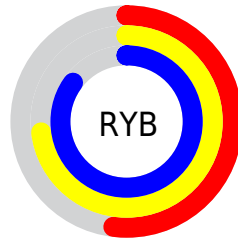
The YIQ color **187.5520, -37.8660, -29.6260** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **162.4480, 37.8660, 29.6260**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.9860, -32.9160, -20.2120**, and **132.7800, -38.5080, -29.0040** is the 20% darker color. If you saturate the color by 10%, you get **179.8340, -47.7680, -37.4000**, and if you desaturate by 10%, it is **195.2700, -27.9640, -21.8520**.

Distribution



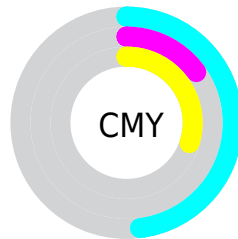
- Red (52%)
- Green (85%)
- Blue (70%)



- Red (52%)
- Yellow (73%)
- Blue (85%)



- Cyan (39%)
- Magenta (0%)
- Yellow (18%)
- Black (15%)



- Cyan (48%)
- Magenta (15%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.5520, -37.8660, -29.6260 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 187.5520, -37.8660, -29.6260 by changing the saturation by 10% instead.

■ 187.5520,
-37.8660, -29.6260

■ 187.5520,
-37.8660, -29.6260

255.0000, -0.0000,
-0.0000

■ 159.9650,
-37.5910, -29.1030

■ 232.9860,
-32.9160, -20.2120

■ 132.7800,
-38.5080, -29.0040

■ 243.9370,
-22.0520, -7.8440

■ 105.7090,
-39.7460, -28.5940

■ 252.6080, -4.7680,
-1.6960

■ 77.5450, -45.1560,
-29.6680

■ 55.4640, -40.4340,
-27.1380

■ 39.5690, -27.3680,
-21.6400

■ 24.1470, -14.2560,

-16.9760

■ 2.9350, -1.3750,
-2.6150

■ 0.0000, 0.0000,
0.0000

■ 187.5520,
-37.8660, -29.6260

■ 187.5520,
-37.8660, -29.6260

■ 179.8340,
-47.7680, -37.4000

■ 195.2700,
-27.9640, -21.8520

■ 172.4150,
-57.0740, -44.9620

■ 202.6890,
-18.6580, -14.2900

■ 164.6970,
-66.9760, -52.7360

■ 210.2930, -8.4350,
-6.8270

■ 157.0930,
-77.1990, -60.1990

■ 218.0110, 1.4670,
0.9470

■ 149.3750,
-87.1010, -67.9730

■ 225.4300, 10.7730,
8.5090

■ 141.9560,
-96.4070, -75.5350

■ 230.7560, 15.9070,
14.5870

■ 140.9450,
-97.8740, -76.4820

■ 231.8960, 12.6970,
17.6970

■ 232.6940, 10.4500,
19.8740

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



192.9720, -3.9380, -27.7620



187.5520, -37.8660, -29.6260



182.1370, -70.1900, -27.5180

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



187.5520, -37.8660, -29.6260



198.8060, -31.0880, 12.7520



200.3900, 51.8080, 8.2240

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



187.5520, -37.8660, -29.6260



162.4480, 37.8660, 29.6260

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



200.2880, 43.8280, 20.6920



187.5520, -37.8660, -29.6260



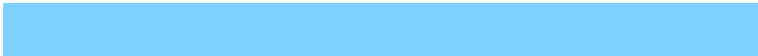
204.6470, 0.6370, 27.0130

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



187.5520, -37.8660, -29.6260



189.4270, -64.2340, -3.2900



205.3270, 30.8970, 29.2730



199.7940, 47.1340, -6.1940

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



187.5520, -37.8660, -29.6260



180.4810, -82.6620, -21.7500



205.3270, 30.8970, 29.2730



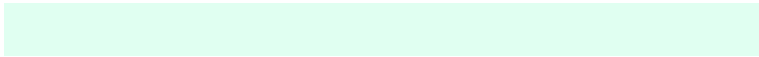
199.6550, 49.7440, 12.5920

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



187.5520, -37.8660, -29.6260



244.1350, -13.9820, -10.9260



193.9690, 0.1440, -35.6640



121.5920, -7.8390, -6.6150



0.0000, 0.0000, 0.0000



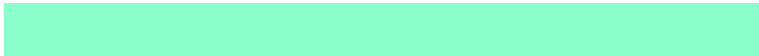
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



187.5520, -37.8660, -29.6260



213.9750, -52.7190, -41.2870



190.1230, -49.2390, -16.2390



106.1410, -4.9510, -3.8870



112.3810, -78.0700, -60.9340



29.8520, -20.6750, -16.2830

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



162.4480, 37.8660, 29.6260



179.0250, 52.7190, 41.2870



159.8770, 49.2390, 16.2390



102.8590, 4.9510, 3.8870



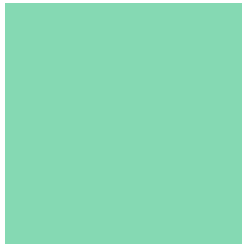
60.6190, 78.0700, 60.9340



16.1480, 20.6750, 16.2830

Previews

White Background



This preview shows how the YIQ color 187.5520, -37.8660, -29.6260 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 187.5520, -37.8660, -29.6260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

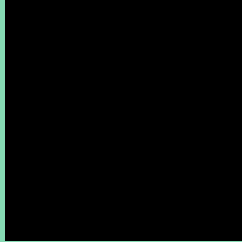
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 187.5520, -37.8660, -29.6260 Background



This preview shows how black text looks on a background with the YIQ color 187.5520, -37.8660, -29.6260.



This preview shows how white text looks on a background with the YIQ color 187.5520, -37.8660, -29.6260.

-29.6260.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

187.5520, -37.8660, -29.6260

Protanopia

198.9830, 15.8650, -6.6870

Deuteranopia

200.6560, 21.6400, 4.2960



Tritanopia

192.2040, -44.7930, -8.7050

Trichromacy



Original Color

187.5520, -37.8660, -29.6260



Protanomaly

195.0620, -3.7110, -15.3510



Deuteranomaly

195.8440, 0.1390, -8.0290



Tritanomaly

190.8310, -42.5450, -16.4090

Monochromacy



Original Color

187.5520, -37.8660, -29.6260



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.1350, -13.9820, -10.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.5520, -37.8660, -29.6260 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(133, 217, 179)` looks like.

```
.text, #text, p{  
    color:rgb(133, 217, 179)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(133, 217, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 217, 179) }
```

Border

The CSS property to change the border of an element to YIQ 187.5520, -37.8660, -29.6260 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 217, 179) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(133, 217, 179) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(133, 217, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 217, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 217, 179);  
box-shadow:4px 4px 4px 4px rgb(133, 217,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 187.5520, -37.8660, -29.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 217, 179) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(133,  
217, 179) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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